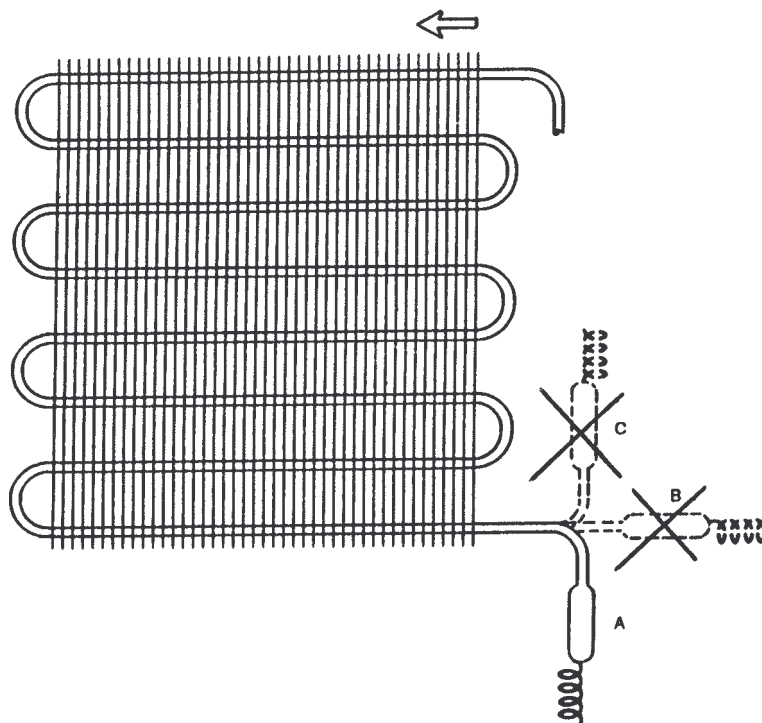


The filter drier is considered one of the five basic components of a sealed refrigeration system. Its main function is to retain moisture and solid particles which may be present in the system.

One of the most important aspects in the mounting of a refrigeration system concerns the correct installation of the filter drier, at the condenser outlet.

The filter drier placed in positions **A** or **B** guarantees that the refrigerant enters the capillary tube in the liquid phase only, thus ensuring the shortest equalization time. The placement of the filter drier in either of those two positions will ensure a more regular operation by eliminating the instabilities caused by the presence of either liquid or gas at the control device inlet.

While searching for the ideal equalization of pressures, attention should be given to the position of the filter in order to avoid wear due to desiccant friction. This can be done by installing the filter drier in vertical position **A** in which the refrigerant flows in the same direction as gravity, thus avoiding desiccant residues which can obstruct the capillary tube or cause wear to the compressor's internal components.



Attention: After replacement the condensing unit and it's accessories must be handled and recycled according to the material group (ferrous, non-ferrous, polymers, oils, ...) directives. These recommendations are intended to minimize the adverse impacts on the environment.

Embraco is participating in the United Nations Global Compact.